

#	HPTYP FREQ %	DQ	DQB1	DQA1	DRB1	DRB3	DRB4	D	DISEASE ASSOCIATION
1	20	{w5(w1)	1.1	1a	<u>1</u>	ne	ne	w1	IDDM(MAJOR), RA(MINOR)
2		{w5(w1)	1.1	1a	<u>1</u>	ne	ne	w20	
3	26	w6(w1)	1.2	1b	w15(2)	ne	ne	w2	CPMS, MG(T+)
4	1.5	w6(w1)	1.12	1c	w15(2)	ne	ne	w12	IDDM(-)
5	1.5	w5(w1)	1.1	?	w16(2)	ne	ne	w2(AZH)	IDDM(+), MG(T-)
6	?	w7(w3)	3.1	?	w16(2)	ne	ne	w22	
7	22	{w2	?	?	w17(3)	24(52)	ne	w3	IDDM(+), MG(T-)
8		{w2	?	?	w17(3)	25(52)	ne	w3	
9	?	w4(Wa)	Wa	?	w18(3)	? (52)	ne	?	
10	9	w8(w3)	3.2	3	<u>4</u>	ne	53	w4(4.2)	IDDM*(+)(MAJOR), RA†
11	5	w7(w3)	3.1	3	<u>4</u>	ne	53	w4(4.1)	(MAJOR), CPMS
12	3	w8(w3)	3.2	3	<u>4</u>	ne	53	w10	IDDM*(+)(MAJOR), CPMS
13	?	w7(w3)	3.1	3	<u>4</u>	ne	53	w13	
14	14	w8(w3)	3.2	3	<u>4</u>	ne	53	w14	IDDM*(+)(MAJOR), RA†
15	0.5	w4(Wa)	Wa	?	<u>4</u>	ne	53	w15	(MAJOR), CPMS
16	15	{w7(w3)	3.1	2	w11(5)	25(52)	ne	w5	
17		{w7(w3)	3.1	2	w12(5)	25(52)	ne	B6	
18	10	{w5(w1)	1.18	1c	w(13)(w6)	24(52)	ne	w18	
19		{w5(w1)	1.18	1c	w(13)(w6)	25(52)	ne	w18	
20	3	w5(w1)	1.19	1b	w(13)(w6)	26(52)	ne	w19	IDDM(MINOR)
21	3	w6(w1)	1.9	1a	w(14)(w6)	25(52)	ne	w9	RA(MINOR)
22	?	w6(w1)	1.16	2	w(14)(w6)	24(52)	ne	w16	
23	1	w9(w3)	3.3	3	<u>7</u>	ne	53	w11	
24	27	w2	2	3	<u>7</u>	ne	53	w17	
25	6	w4(Wa)	Wa	1b	ne	w8/52	ne	w8	
26	2	?(w3)	?	1b	ne	w8/52	ne	w8	
27	1	w9(w3)	3.3	3	<u>9</u>	ne	53	w23	
28	?	w5(w1)	1.1	1a	w10	?	?	?	

ne: NOT EXPRESSED  
T-: THYMOMA-NEGATIVE  
T+: THYMOMA-POSITIVE

CPMS: CHRONIC-PROGRESSIVE MULTIPLE SCLEROSIS  
IDDM: INSULIN-DEPENDENT DIABETES MELLITUS  
MG: MYASTHENIA GRAVIS  
RA: RHEUMATOID ARTHRITIS

FIG. 1.

58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75  
 Ac-Ala-Glut-Tyr-Tyr-Asn-Lys-Gln-Tyr-Leu-Glu-Thr-Arg-Ala-Glu-Leu-Asp-Thr-Amide  
 I-As 10-mer (60-70)

FIG. 2.

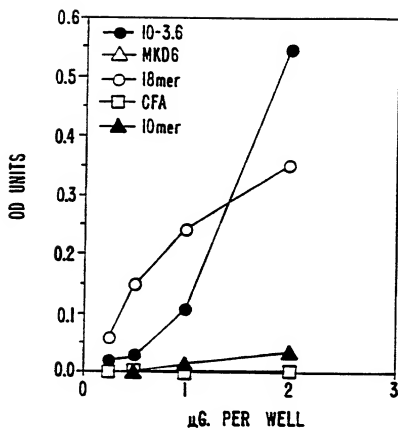


FIG. 3A.

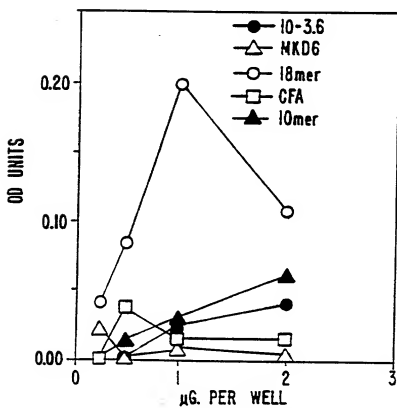


FIG. 3B.

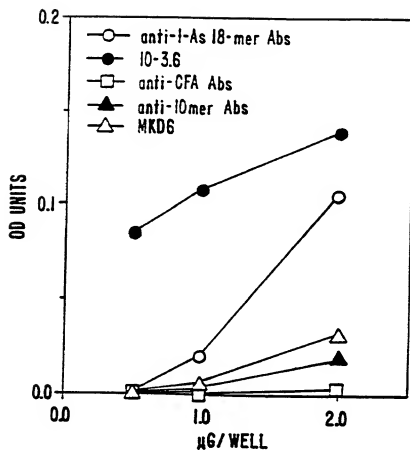


FIG. 4A.

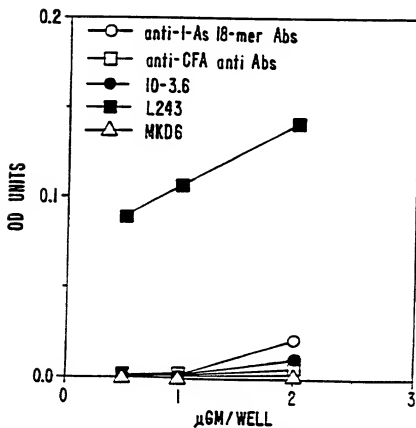


FIG. 4B.

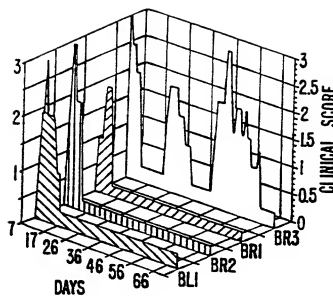


FIG. 5A.

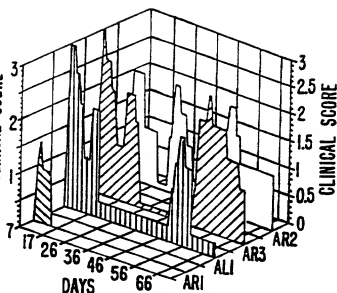


FIG. 5B.

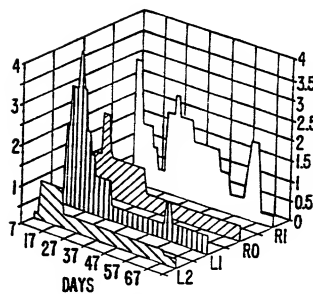


FIG. 5C.

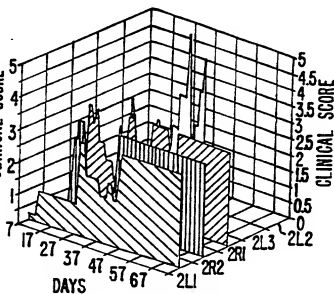


FIG. 5D.

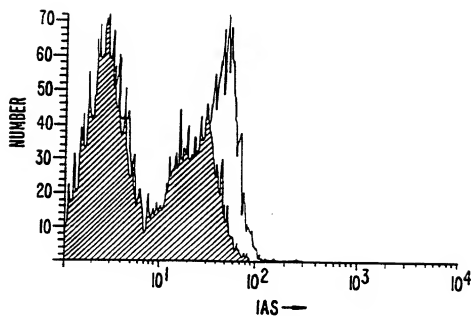


FIG. 6A.

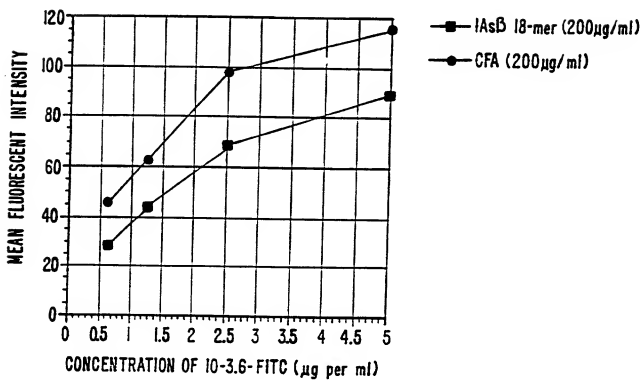
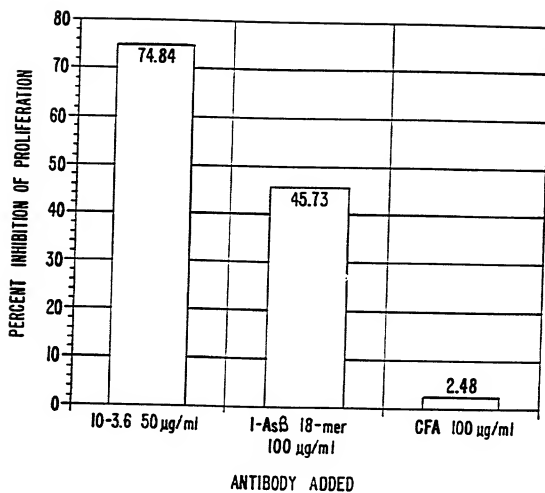


FIG. 6B.

**FIG. 7.**

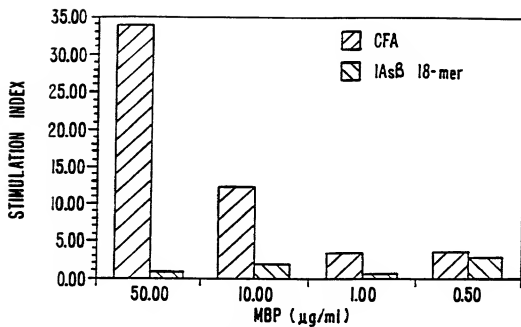


FIG. 8A.

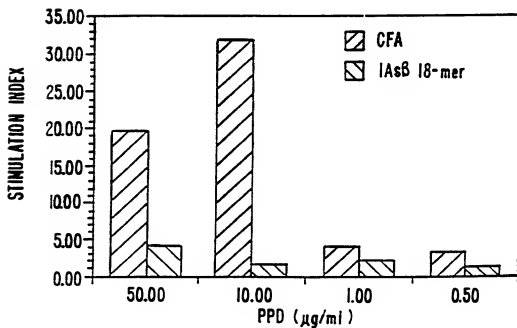


FIG. 8B.